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(54) Title: DETECTION OF NEUROPEPTIDES ASSOCIATED WITH PELVIC PAIN DISORDERS AND USES THEREOF

(57) Abstract: Diagnostic assessment and therapeutic treatment of pelvic pain disorders, including bladder disorders, bowel disorders, and/or reproductive tissue or organ disorders that are characterized by increased expression of the neuropeptides CGRP and/or PACAP. Additionally, applicants have developed a transgenic nonhuman model for pelvic pain disorders, where the transgenic animal expresses in bladder sensory neurons a recombinant neuropeptide implicated in the pelvic pain disorder.